

MA-WO46-2

450-470 MHz OMNI Antenna

MARS 450-470MHz OMNI Antenna provides a cost effective solution for PMR (Private mobile radio) applications used by operators such as taxis, utilities and emergency services.

Additional Features:

- Excellent and stable performance
- Small and aesthetic profile
- UV protected antenna radome
- Suitable for both indoor and outdoor installations



Specifications

Electrical

| | |
|--------------------------------|-----------------------|
| Frequency Range | 450-470 MHz |
| GAIN, typ. | 2dBi |
| VSWR, max. | 1.5:1 |
| Polarization | Linear Vertical |
| 3 dB Beam-Width, H-Plane, typ. | Omni Directional 360° |
| 3 dB Beam-Width, E-Plane, typ. | 70° |
| Input power, max | 10 Watts |
| Input Impedance | 50 Ohm |

Mechanical

| | |
|------------------|---------------------------------|
| Dimensions (LxD) | 360 x 26 mm (14.17" x 1") |
| Connector | See Ordering Options |
| Mount | Ceiling / Pole mount optionally |
| Weight | 300 gr. |
| Radome | UV Protected Plastic |

Environmental

| | |
|-----------------------------|---|
| Operating Temperature Range | -40°C to +70°C |
| Vibration | According to IEC 60721-3-4 |
| Water Proofing | IP-67 |
| Flammability | UL94 |
| Humidity | ETS 300 019-1-4, EN 302 085 (annex A.1.1) |

Ordering Options

| | |
|-------------|--------------------------------------|
| MA-WO46-2NF | Antenna with N-Type Female and Mount |
| MA-WO46-2NM | Antenna with N-Type Male |
| MA-WO46-2SF | Antenna with SMA Female and Mount |

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